

**AERODYNAMIC WING WITH AT LEAST PARTIALLY VARIABLE CURVATURE AND STRUCTURAL JOINTS**

**Patent number:** WO0247976  
**Publication date:** 2002-06-20  
**Inventor:** PEREZ JUAN (DE)  
**Applicant:** EADS DEUTSCHLAND GMBH (DE); PEREZ JUAN (DE)  
**Classification:**  
- **International:** B64C  
- **European:** B64C3/48  
**Application number:** WO2001DE04629 20011211  
**Priority number(s):** DE20001061637 20001211

Report a data error here

**Abstract of WO0247976**

The invention relates to an aerodynamic wing with at least partially variable curvature, comprising a variable wing surface (7) with at least two spars (21, 22, 23, 24), arranged between a first (131) and second (132) cladding for support thereof and with at least two drive units (25a, 25b, 25c) arranged between the above, for altering the relative position thereof. Each drive unit comprises a strut arrangement (100; 101, 102), which may be adjusted lengthwise, by means of an adjuster gear, the ends of which are supported by a bearing device (110). Each end of the strut arrangement (100; 101, 102) is provided with a first connector (115), connecting said end to the adjacent cladding (131, 132) and a second connector (116), connecting said end to the adjacent spar (21, 22, 23).

---

Data supplied from the esp@cenet database - Worldwide

USPS EXPRESS MAIL  
EV 636 851 774 US  
DEC 06 2005